REPORT NO. 79-3-11

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: Andrew Pickens Ranger District, Sumter National Forest

STATE: South Carolina

AREA WITHIN SURVEY BOUNDARY: 128,800 acres

DATE: March 12, 1979

PERCENT COVERAGE: 100%[1/]

AIRCRAFT: Cessna 182

CREW: Joe Blair (Andrew Pickens Ranger District) Robert Bassett (Aerial Survey Team)

REPORT PREPARED BY: Robert Bassett

SURVEY OBJECTIVES: To determine if bark beetle activity is increasing on the Andrew Pickens Ranger District.

SURVEY RESULTS

Eight spots of dying pine ranging from two trees to 12 trees were detected; also an estimated 100 or more dead pine trees were observed around the northern periphery of the Jumping Branch Fire site. (Table 1).

Table 1. Summary of Aerial Survey Data, Andrew Pickens Ranger District, Sumter National Forest.

Ownership	Infestation Size (# Trees)							
	2-5		6-20		21-50		50+	
	Spots	Trees	Spots	Trees	Spots	Trees	Spots	Trees
Andrew Pickens Ranger District	4	11	3	26	0	0	1	100
Private lands	2	5	0	0	0	0	0	0

CONCLUSIONS

At this time bark beetle activity appears to be at a low level in the survey area. The trees around the Jumping Branch fire site will be ground checked by District personnel.

We appreciate the assistance of Mr. Joe Blair of the Andrew Pickens Ranger District.

1/ Based on flight lines two miles apart, with a one mile viewing strip by each observer.

For any additional information, Contact:

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